

## Windows Networking Online Training

### Unit1: Introduction

- Networks for Companies
- The Concept of Networking
- Network Life cycle
- Components of a Network
- Types of Networks

### Unit2: Microsoft Windows Vista/Windows7 Client-End

- Local Users and Groups Policies
- Implementation of NTFS Permissions
- Off-line file Management and Task Scheduling
- Compress and Uncompress to Data
- Encrypt and De-Crypt to Data
- Memory Quota Implementation

### Unit3: Microsoft Windows Server 2008 Active Directory Infrastructure

- Active Directory Environment
- Domain Controller (DC) Installation and Configuration
- Additional Domain Controller (ADC) Maintenance
- Child Domain Controller (CDC)
- Member Server (MS) Configuration

#### Unit4: Microsoft Windows Server 2008 Network Infrastructure

- Naming Servers (DNS and WINS)
- Dynamic Host Configuration Protocol Server (DHCP)
- Application of File Server
- Application of Remote Access Server (RAS)
- Routing Information Protocols (Rip1,Rip2 and OSPF)
- Virtual Private Network (VPN)
- Windows Server 2008 Tools
- Back Up and Recovery of Data

#### Unit5: Microsoft Windows Internet Information Server 7.0 (IIS)

- Hyper Text Transfer protocol (HTTP)
- File Transfer Protocol (FTP)
- Deployment of Virtual Directory

#### Unit6: Microsoft Windows Exchange Server 2003

- Creating News Groups in Exchange Server
- Simple Mail Transfer Protocol (SMTP)
- Network News Transfer Protocol (NNTP)

#### Unit7: Microsoft Windows Internet Security and Acceleration Server 2004 (ISA)

- ISA Server Installation, Configuration and Maintenance
- Data sharing on Internet
- Firewall concept and its types
- Combine the Multiple Networks into one Network
- Security and Performance Monitoring options

#### Unit8: Installation and Configuration

- Hardware Requirements
- Installation and De-installation Process of Active Directory
- Network Address Translation (NAT) Services
- Print Server Management

#### Unit9: Resources Management on Windows Server 2008

- Centralized User Profile Management
- Group Policy Configuration
- Managing Distributed File System Security and Sharing
- Routing and Remote Access Services

## Unit10: Connectivity

- Networking Using TCP/IP
- IP types and IP Addressing
- Subnetting of Public IP

## Unit11: Troubleshooting

- Troubleshooting of Auditing User Access of Files, Folders and Printers
- Event Viewer
- Hardware Troubleshooting
- Troubleshooting of Disk Management
- Connectivity and Communication